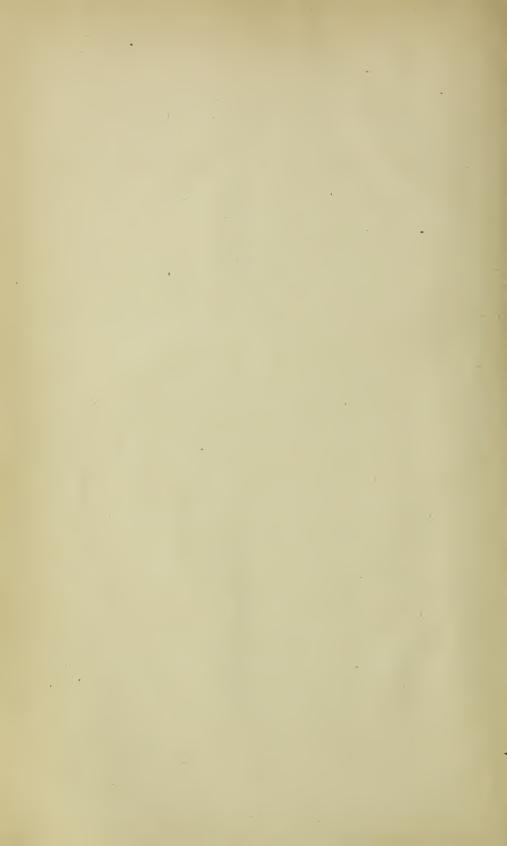
# **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



# INDEX TO VOLUME XV.

Cherry, a new 335.

### A

A greeting to the New Year, 1 Advantages of the Township System, 67. Advantages of the Township System, 67.

Agricultural Colleges, question of Labor in, 8.

Agricultural Reform, 17.

Agricultural College, Md. 17, 150, 158, 225, 231.

Agricultural Congress, Nat'l 85, 222, 259, 332.

Agricultural Societies, Montgomery 105, Baltimore County 359, Wicomico 105, St. Michael's 323, Maryland State 334, Virginia State 392. Agricultural Journals, 311. Alderney Breed of Cattle, 75. Alternate spontaneous growth of pine, oak and chestnut trees, 89. American meat for Johnny Bull, 75. Ammoniated Manures, 9. American Agriculture, the outlook, 241. Apples, growing of 251.

Aphides Avenas, 234. Asparagus beds, 88. Arab-maxims, 48 Ayrshire Cattle, 367, 387. Attention Subscribers, a card of E. Whitman 391 Addresses by Jas. Cheston Jr. Esq., Gen. La Fayette Bingham, 197, Hon. T. F. Bayard of Delaware at Pimlico, 374.

## B

Bees and Honey in the South, 27, 55, 97, 132, 167, 200, 220, 269, 319; Uses of, 28; Early history of 28; J. W. Porter on Bees, 28; Bees for Farmers, Professor Yeomans, 295.
Brainerd, Prof. memoir of 245.
Beet Sugar and Sugar Beets, 253, 271, industry in Maine 282, Beet Sugar 308, in Maine 312, History in the U. S. 344, 381, Manufacture of 381, Domestic Manufacture of 383.
Biography of Jane Porter, 304.
Buckwheat, 255.
Butter, Coloring of 26, Printing 58, Making 124,

C

261.

134, 162; Glades 196, Instructions to Makers

Canada Thistle, killing of 21.
Cattle, Angus or Aberdeen 289.
Carroll, Gov. Message 40.
Chats with the Ladies for January, 29, for February 63, March 101, April 137, May 170, June 203, July 236, August 272, September 305, October 337, November 368, December 400.
Cheese, 25.
Chestnuts, growing of 335.

Christmas in our Hearts, 31.
Chickory Plant, 50.
Chufas, 155.
Corn, Indian 118, Cultivation of 123.
Corn, Chemical growing 277, Abortive ears of 276. Compton 354, Corn Sugar, &c 396.
Clover Hay curing, 230
Croup, remedy for 17.
Commissioner Le Duc, 391.
Colts, Breaking 244, 290.
Cow-Milkers, 262, 371.
Cows, Escutcheon of 25, Profitable 27, Ayrshite 46, Standard points in a Jersey 48, Record of 161, Ear mark of 161, To produce good milkers and sexes at will, 213.
Cotten seed business 123, Seed oil cake 135.
Collie Dogs, 318.
Creameries, 303.
Crops, two great 372.
Cuttings, propagating plants by 335.

### D

Date Plum or Japan Persimmon, 87.
Dairy Stock, improvement in 351
Decoration for the table, 103.
Delays are dangerous, 314.
Dog Law in Conn., 184.
Don't 371.
Draining, subsoil 80.
Diversified Production, 139.
Ducks, Muscovy, 263.
Duck Question, 365.

## E

Eggs, will shipped eggs hatch? 94, Packing 163, 263, For colts 314.
Enjoyable day at Gov Carroll's Manor, 233.
Experiments at Cornell University, 76, With artificial manures by J. B. Lawes, 377.

# F

Farm work for January, 2, for February, 38, for March, 69, for April, 111, for May, 152, for June, 176, for July, 210, for August, 242, for September, 279, for October, 310, for November, 342, for December, 373.

Farmers' Clubs, Woodlawn, 22, Deer Creek, 102. Farming in England, 45, high farming without Manure, 211.

Fertilizers, saving of 51,chemical vs. barnyard manure, 126. Fescue grass, 118. Fish, distribution of Brook Trout, 37. Forest Trees, 11, forest culture, 71, desolating, 198. Forest and Fire-proof Homes, 44.

Forestry Association, 100 Food Elements, 74

Fodder materials, manurial value of, 110. Fowls, relative value of, 129. for the farmers, 173, the Langshan, 193.

Formulas, 181, for tobacco, 245.

Fruit dryer, 230.

Fruit List for Md., 291. Fairs, Pimlico, 125, New England, 329, Maryland State, 334, Piedmont, 359.

Farmers stay where you are, 169.

Fences, cost of, 209, fence question, 380.

Flowers and Forests, 252.

Garden Work for January, 3, for February, 40, March, 71, April, 110, May, 146, June, 177, July, 211, August, 244, September, 280, October, 309, November, 352, December, 380. Gardens for farmers, 173.

Garden Vegetables, 188, a garden, 229, flower, 254. Georgia North, lands, 131, coming fruit state,

255.Georgia, North-east, 3, 43, 79 and 120.

Ginseng, 121.

Grinding, loss in, 372.

Grass, new, California bur-clover, 251.

Grapes, keeping, 21, tree, training of 45, growers maxims, 50, pruning, 89, culture of, on the Po

tomac, 388. Granges, West River, 105, 110. Granges, Orchard, 50, pasture and feeding, 70, Fescue grass, 118.

Hessian fly, 234.
History of Maryland Agricultural Association, 226, 266, 294, 295, 320, 355, 360, 403.
History of Md. Agricultural College, 107.

History of Md. Agricultural College, 107.
History of Agriculture, 149, 198, 209.
Hereford cattle, 13, 215, 149, 387, breed of, 47, 144, 183, as milkers, 202, in England, 217.
Herefords vs. shorthorns, 245, 355.
Horticultural Society of Md., 105, new one at Washington, 159, 353, ex. of Md., 191, 222, 333.
Hogs, fattening of, 28, small Yorkshire, 284, Jersey or Duroc, 316, Duroc, 348, success of Md. Berkshires, 386, Magie or Poland China, 385.
Home influences, 136, attractive, 237.
Horses, Clydesdale, 23, constantly stabled, 75.

Horses, Clydesdale, 23, constantly stabled, 75, breed of walking horses, 76, horse breeding, 316, balky, walking, 348, omnibus in Paris, 350.

Husbanding Fertilizers, 212.

Illustrations, Hereford Ox, 14, bull Sir Benjamin, 15, Clydesdale horse, "King of the East," 23, Leghorn cock, 24, January, 29, A. M. Fulford's Berkshires, frontispiece to Feb. No., E. Leavenworthii 49, greenhouse, 54, butter print worthii 49, greenhouse, 54, butter-print boxes, 58, Black Hamburg, 60, Kansas Gay Feather, Sweet Alyssum and Chinese Primrose, 64, Hon. Jno. Merryman, frontispiece to March No, F. Dutch Cabbage and Beauty of Hebron

Potato, 71, Diospyros Kaki, 87, Asparagus plant, 88, Plymouth Rocks, 93, Light Brahmas, 95, Coleus Pictus, 101, new Cocks-comb, 102, Md. Agricultural College, frontispiece to April No., Japan Persimmon, 114, American Won-Pea, 115, Winter Fowls, 128, B. H. Hen "Princess," 129, Pampas grass, 138, S. H. Cow "Silver Lady," 160, Incubator, 165, wheel hoe, 145, scented geranium and gold colored granium scented geranium and gold colored geranium, 170, ducks, 167, Dianthus, 171, Mikado Persimmon, 154, Mennonite grass-burner, 185, 3 illus. road makeing, 187, 2 illus. Langshan fowls, 193, artificial mother, 195, white double Violet and Carnation, 204, Hereford bull "Suc-Yorkshire sow, 283, Pigeons, 302, Great Am. Strawberry, 283, Sharpless Strawberry, 283, Sharpless Strawberry, 250, White Lordown 201 Group of Figeons, 326 White Leghorns, 301, Group of Pigeons, 326, Imp. Collie Dog, "Sport," 318, Duroc or Red Jersey Boar, 315, Imp. Ayrshire Cow "Lady Kilbirnie," 363, Imp. Ayrshire Cow, "Belle of Beavan," frontispiece for December No., Magie Hogs, 384, Scotch Collie Dog "Laddie," 386, Ply-

mouth Rock Hen, 393. In Memoriam of W. C. Flagg, 152. Indian Corn, 118.

Irrigation and deep plowing, 182.

Jersey Cow Belle, 217, production of Jersey Cows, 217. Jerseys and Guernseys, 247, arrival of, 317, a good heifer, 349.

### L

Lands, top dressing mowing 142. Lecture by G. Ville 126, 141. Le Duc, Com. 359. Legislation for Farmers 35. Letter Box 104, 162, 184, 219, 264, 290. Letter from senior Editor 336. Life's Changes, by Wicomico, 32. Lime to the acre 48, In soil 78, 144. Loomis' Combination Level 37. Letter, a pleasant one 369, 401; From W. S. Temple 394.

# M

Maryland Jockey Club, 158, 192, 371. Mangels, Large 393. Manure, application of 281, Value of hen 365. Meems, Gen, great sale, 300. Mennonite Grass Burner, 185.
Milk, Cream and Butter 136, New facts about, 218, Make cows give 218, Feeding for 372. Money Coinage, 83. Mutton, superior 92, Shropshire 125.

# N

Nails, size of 121. National Butter, Cheese and Egg Association 100 North Carolina, its resources, &c. 4. New England Fair 329. New England 336.

### O

Oil and oil cake from cotton seed 82 Olio for our readers 189. Orchards, Apple 116, Cultivating of 254. Ornamental Devices 62. Oat Meal 281. Oats, Winter 325.

Paris Letters, 207. 239, 275, 307, 341. Pampas Grass 138. Persimmon, Japan 154. Pecan Tree, 230. Pears, American Wonder, 115. Pear Tree freak 21. Pears, keeping winter 21, Pear trees 90,. Pigeons 302, 326. Plant House 54. Pigs, how to grow 48, in agriculture 349. Poetry, Under the Snow 30, At the Gate 62, The Social Glass 205, The two Glasses 238, Lamentation 219, At the Gate 273, Logic 260, Corn Bread 367, Autumn 401. Potomac Fruit Growers 22, 155. Potatoes, cultivation of 156, Large for seed 229. Potash in agriculture 180.

Pork Trade 398.

Poultry The Leghorns 24, Black Hamburgs 60, Golden Spangied H. 61, Plymouth Rocks 93, Light Brahmas 95, Cooked meat for 94, A \$502 Rooster 96, Technical terms for 130, Artificial incubation 165, Best feed for chicks 194, Sundry matters about 192, Freak of nature in 263, White Leghorns 302, Note of W. S. Temple 302, Hamburg fowls 302, Houdans 327, Keeping of 327, For profit 364, Plymouth Rocks 393, Poultry shows to occur 395.

Quince blight, 290.

Raspberries, immense, and mode of growing, 392. Roads, making and beautifying, 187. Renovation of Worn-out Lands, 362, Mr. T. Moore's Essay, 378. Roup in Chickens, 96, possible cause of, 97. Rye, winter, for pasture, 351.

Salt on Orchards and Grass, 131. Scotch Collies, 386. Silk Worm, wild, 162. Sheep, winter, care of, 46, breeding and feeding, 73, management of, 73, bells for, 120, most profitable breeds of, 122, husbandry, 161, their profit, by Col. Ware, 388. Sketchy letter, Sandy Spring, 147. Sound Suggestions, 143. Stock Growing, 182, pure bred, 284. Standard Points of Berkshire Swine, 47. Straw, feeding to stock, 354.

Straw berries, 282, covering, 50, profitable, 117,

profitable sorts, 155, Sharpless, 243, new and popular, 287, culture of, 287.
Sugar beet and beet sugar, 271, 381, 381, 383.
Stock Sale of Sheep, 260.

Success of Maryland Berkshires, 386. Suggestions for Intending Breeders, 385. Swamp Muck, 240.

### Т

Teachings of Experience in Agriculture, 240. Trees, age of, 20, and plants new, 155, age of, 152, the Judas, 188, measure height of, 290, blight in, 335. Tea Culture, 288.

Timber, consumption of, 347. Turkeys, White Holland, 232. Tramping Communists, 260. Trip, our Northern, 365.

Utilize the bones, 72.

M. G. Ville's Lecture, 126, 141. Veterinary Science, National Inst. for same, 77. Vine Culture, 91. Vinegar from Sugar Beets, 72. Vinegar, making from cider, 366.

Whitewash, brilliant whitewash, 59. Water fowls for farmers, 167. White Clover, 181 Wheat drilling and hoeing 313, depth to sow, 354. Watermelons, large, 33%. Wilder, Col. Marshall P., 359. Waushacum farm, 365.

Year without a Summer, 164.

# ${f RECIPES}.$

Recipes, Domestic.—Sauce for Wild-duck, 30; for Oysters, 30; Sausages, 33; Pop-oven, 33; for Sauer Kraut, curing hams, to make vinegar plant, 33; uses of lemons, 57; cheese pudding, 57; oyster salad, 103; use of lemons, oyster toast, salad dressing, 103; flaky pie crust, 131; veal omelet, 131; Albany punch, university night cap and hominy, 169; hydrome', widow's tears liquor, Harvard drink, Aleberry and Excelsion bitters, 171; Russian cake, 163; rice and boiled batter pudding, macaroons, implantations, and the salve show cake dried apple ielly. Specific cake, snow cake, dried apple jelly, Spanish cream, 205; blackberry wine, 219; same, 235; currant marmalade, raspberry and gooseberry jam, 235; hodge podge pickles, 273; succotash and blackberry wine, 265; tomato and corn, and blackberry wine, 265; tomato and corn, cold fritters, chicken pie, coffee custard, brandied peaches, &c., 300; pepper chow-chow boiled duck, 367; beef patties, 369; scrappel, meat loaf, 372; pickle for meat, 399; potato soup, rice pudding, French toast, ham toast and salad dressing, 399.

Farmers' Recipes.—To kill linsects, 32; Liniment for horses sore-backs, 32; Cure for fever and aggregated to the sore-backs, 32; Cure for fever and aggregated to the sore-backs, 32; Cure for fever and aggregated to the sore-backs, 32; Cure for fever and aggregated to the sore-backs, 32; Cure for fever and aggregated to the sore-backs, 32; Cure for fever and aggregated to the sore-backs, 32; Cure for fever and aggregated to the sore-backs, 32; Cure for fever and aggregated to the sore-backs and sore-backs are sore-backs.

ague, 131; To kill ticks on sheep, 136; Bleedat the nose, 169; Cement for shoes 169; Cure of sheep-worrying dogs, 183; Whitewash that sticks, 265; Remedy for weak legs in hogs. 326; Bloody Mills 508.

